

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1        1. (Currently Amended) A method for enabling re-use of presentation objects by  
2 a printing system, comprising:

3              identifying in a print data stream ~~an~~ a presentation object ~~for printing within a page~~ in  
4 ~~a print data stream for presentation~~ by the a printing system according to a globally-unique  
5 identifier assigned to the presentation object, and

6              ~~generating at the printing system a globally-unique identifier for assignment to the~~  
7 ~~object capturing the presentation object having the assigned globally-unique identifier at the~~  
8 printer.

1        2. (Original) The method of claim 1 wherein the globally-unique identifier  
2 assigned to the object allows the object to be securely and correctly referenced for re-use.

1        3. (Original) The method of claim 1 wherein the globally-unique identifier  
2 assigned to the object is platform-independent.

1        4. (Original) The method of claim 1 wherein the globally-unique identifier is  
2 based upon an International Standards Organization administered global naming tree.

1        5. (Original) The method of claim 1 wherein the globally-unique identifier is  
2 contained in a syntax structure of a data stream.

1       6. (Original) The method of claim 5 wherein the data stream is a Mixed  
2       Object Document Content Architecture data stream.

1       7. (Currently Amended) The method of claim 1 wherein the ~~assigning a~~  
2       globally-unique identifier ~~is assigned by further comprises:~~  
3              requesting, in an International Standards Organization administered global naming  
4              tree, a first node for an application that uses the object;  
5              registering, under the first node, a second node for each license of the application; and  
6              assigning a globally-unique identifier for the object, the globally-unique identifier  
7       including an indication of the object, the first node and the second node.

1       8. (Currently Amended) The method of claim 1 wherein the ~~assigning a~~  
2       globally-unique identifier ~~is assigned by further comprises~~ generating a globally-unique  
3       identifier for an object, the generated globally-unique identifier includes an indication of a  
4       first node representing an application that uses the object, of a second node for each license  
5       of the application and of the object.

1       9. (Original) The method of claim 8 wherein the indication of the object  
2       includes a time stamp.

1       10. (Original) The method of claim 9 wherein the time stamp includes an  
2       indication of the date and time.

1       11. (Original) The method of claim 8 wherein the indication of the object  
2       includes a checksum value.

1           12. (Original)     The method of claim 8 wherein the indication of the object  
2     includes a binary counter.

1           13. (Currently Amended) A method for managing presentation objects for  
2     multiple use, comprising:  
3                 downloading to a printer a presentation object for printing in a page and identified in  
4     a print data stream, the presentation object having a previously assigned globally-unique  
5     identifier;  
6                 caching the presentation object in a cache of the printer when the presentation object  
7     is downloaded; and  
8                 capturing the presentation object having the previously assigned globally-unique  
9     identifier in memory of the printer ~~if a globally-unique identifier has been assigned to the~~  
10    presentation object.

1           14. (Original)     The method of claim 13 wherein the memory comprises  
2     permanent storage.

1           15. (Original)     The method of claim 13 further comprising deleting previously  
2     captured objects to increase available capture storage area in the memory.

1           16. (Original)     The method of claim 15 wherein the deleting comprises  
2     deleting non-active, least-recently used objects first.

1           17. (Original)     The method of claim 15 wherein the deleting comprises largest  
2     objects first.

1           18. (Original)     The method of claim 15 wherein the deleting comprises  
2     smallest objects first.

1           19-43. (Canceled)

1           44. (Currently Amended) A system for managing presentation objects for  
2     multiple use, comprising:  
3                 a printer cache for caching a presentation object for printing in a page and identified  
4     in a print data stream ~~when downloaded, the presentation object having a previously assigned~~  
5     globally-unique identifier; and  
6                 printer capture storage for capturing the presentation object having the previously  
7     assigned globally-unique identifier if a globally unique identifier has been assigned to the  
8     presentation object.

1           45. (Original)     The system of claim 44 further comprising a print server, the  
2     print server deleting previously captured objects in the printer capture storage.

1           46. (Original)     The system of claim 44 further comprising a print server, the  
2     print server deleting previously downloaded or active objects.

1           47. (Previously Presented)     The system of claim 46 wherein the previously  
2     downloaded or active objects exist in the capture storage or cache storage.

1           48. (Previously Presented)     The system of claim 46 further comprising a  
2     printer control unit for marking deleted objects in the capture storage as removable.

1           49. (Original)     The system of claim 48 wherein a removable object is deleted  
2     when a capture request is received to make storage available to capture a new resource.

1           50. (Currently Amended) A system for processing referenced objects,  
2     comprising:  
3                 a print server for searching for a presentation object for printing in a page and  
4     referenced by a selected indicia in a print data stream, the selected indicia being a previously  
5     assigned name, a globally-unique identifier or a globally-unique identifier and an object  
6     locator, the print server downloading the presentation object identified in the print data  
7     stream, the presentation object having a previously assigned globally-unique identifier; and  
8                 a control unit for capturing the presentation object in persistent memory of the  
9     printer;

10                 wherein the control unit determines if captures the presentation object is to be  
11     captured based upon whether the presentation object having the selected indicia includes a  
12     globally unique identifier.

1           51. (Original)     The system of claim 50 wherein the data stream references the  
2     object by an object name and the print server searches for the object by object name.

1           52. (Original)     The system of claim 51 wherein the print server attempts to  
2     find the object resident in a presentation device when the object is referenced with a globally-  
3     unique identifier.

1           53. (Canceled)

1        54. (Currently Amended) The system of claim 50 wherein the control unit  
2        references the object by a the globally-unique identifier.

1        55. (Original)     The system of claim 54 wherein the print server attempts to  
2        find the object resident in the presentation device using a globally-unique identifier.

1        56. (Original)     The system of claim 55 wherein the print server searches for  
2        the resource inline when the search for a resident globally-unique identifier fails.

1        57. (Canceled)

1        58. (Currently Amended) The system of claim 50 wherein the data stream  
2        references the object by a the globally-unique identifier and an object locator.

1        59. (Original)     The system of claim 58 wherein the print server attempts to  
2        find the object by searching for a resident globally-unique identifier.

1        60. (Original)     The system of claim 59 wherein the print server searches for  
2        the resource inline when the search for a resident globally-unique identifier fails.

1        61. (Canceled)

1        62. (Original)     The system of claim 60 wherein the print server looks for the  
2        object by object locator in a resource library when the inline search is unsuccessful.

1           63. (Original)     The system of claim 62 wherein the print server determines  
2     whether the globally-unique identifier assigned to the object matches the globally-unique  
3     identifier referenced.

1           64. (Canceled)

1           65. (Original)     The system of claim 63 wherein the print server provides an  
2     indication of an error if the globally-unique identifier assigned to the object does not match  
3     the globally-unique identifier referenced.

1           66. (Original)     The system of claim 63 wherein the print server provides an  
2     indication of an error if the object does not contain a globally-unique identifier.

1           67. (Currently Amended) An article of manufacture comprising a program  
2       storage medium readable by a computer, the medium tangibly embodying one or more  
3       programs of instructions executable by the computer to perform a method for managing  
4       presentation objects for multiple use, the method comprising:  
5               downloading to a printer a presentation object for printing in a page and identified in  
6       a print data stream, the presentation object having a previously assigned globally-unique  
7       identifier;  
8               caching the presentation object in a cache of the printer when the presentation object  
9       is downloaded; and  
10              capturing the presentation object having the previously assigned globally-unique  
11       identifier in memory of the printer if a globally unique identifier has been assigned to the  
12       presentation object.

1           68. (Original)     The article of manufacture of claim 67 further comprising  
2       deleting previously captured objects to increase available capture memory.

1           69. (Canceled)